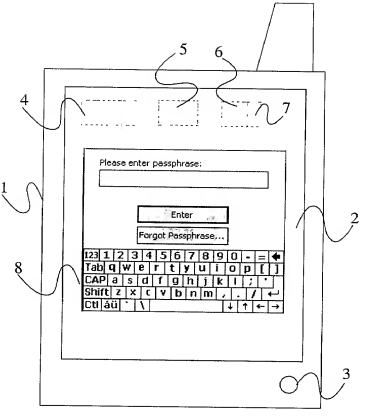
5
6
4
7
Please enter passphrase:
1
Enter
2
Forgot Passphrase...
8
3

Figure 1

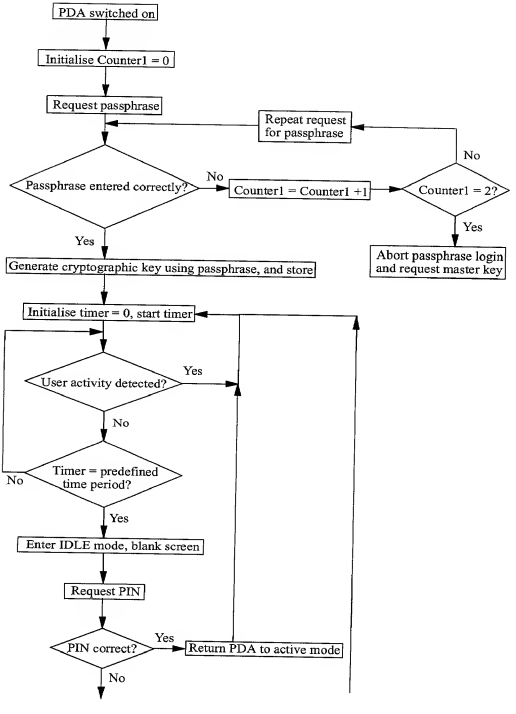
PDA switched on
Initialise Counter1 = 0
Request passphrase
Repeat request for passphrase
Passphrase entered correctly?
No
Counter1 = Counter1 +1
Counter1 = 2?
No
Yes
Abort passphrase login and request master key
Yes
Generate cryptographic key using passphrase, and store
Initialise timer = 0, start timer
User activity detected?
Yes
No
Timer = predefined time period?
No
Yes
Enter IDLE mode, blank screen
Request PIN
PIN correct?
Yes
Return PDA to active mode
No

Figure 2

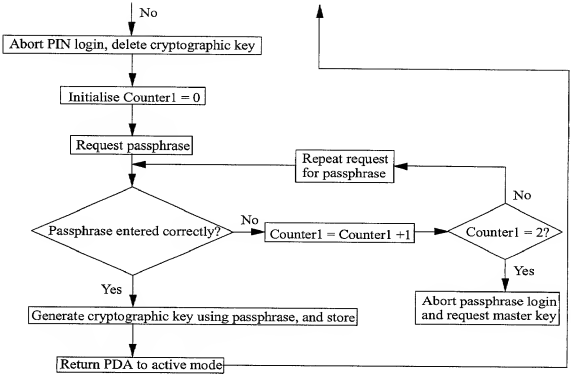

Figure 2 cont.